

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20050210053").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 10:12
L2	1	1 and readable	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:55
L3	2	1 and singleton	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:13
L4	778	singleton same object	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:14
L5	10	singleton same in-memory same object	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:14
L6	3	singleton same in-memory same object and java near bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:15
L7	82	singleton same object and java near bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:18
L8	2	singleton same object and java near bean and merge same reference\$2	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:15

## EAST Search History

L9	72	7 and @ad<"20040318"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:29
L10	127796	9 and configuration near java nera bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:17
L11	0	9 and configuration near java near bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:18
L12	4	configuration near java near bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:18
L13	1	singleton same object and java near bean and "split reference"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:19
L14	1	singleton same object and "split reference"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:19
L15	316	singleton adj4 (in-memory or object)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:21
L16	250	configuration same java same bean	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:21

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L17	4	15 and 16	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:21
L18	1	((singleton adj4 (in-memory or object)) or ((configuration same java same bean) )) and (split near reference)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:23
L19	1444	((singleton adj4 (in-memory or object)) or ((configuration same java same bean) )) or (split near reference)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:26
L20	4211	707/103	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25
L21	2490	707/103r	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25
L22	232	707/1-3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25
L23	3192	715/513.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25
L24	6796396	20 or 21 or 22 or 23 or "24"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25

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L25	9282	20 or 21 or 22 or 23	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:25
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L31	93	25 and ((singleton adj4 (in-memory or object)) or ((configuration same java same bean) )) or (split near reference)and (reference near column)and order and value and section	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:28
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L33	88	32 and @ad<"20040318"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:29
L34	0	25 and ((singleton adj4 (in-memory or object)) or ((configuration same java same bean) )) and (split near reference)and (reference near column)and order and value and section and xml and quer\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:30
L35	1	25 and ((singleton adj4 (in-memory or object)) and ((configuration same java same bean) )) or (split near reference)and (reference near column)and order and value and section and xml and quer\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:30



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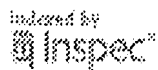
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IET JNL IET Journal or Magazine

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IET CNF IET Conference Proceeding

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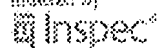
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### 1 [Web technologies and applications \(WTA\): Towards increasing web application productivity](#)



Jia Zhang, Jen-Yao Chung, Carl K. Chang

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing SAC '04**

Publisher: ACM Press

Full text available: [pdf\(157.09 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present and discuss a template/meta-data based partial code generation system supporting web application development. Seamlessly incorporating the recent top-notch technologies, the framework maximally exploits the capabilities of the underlying implementation technologies. Our approach primarily benefits the framework and code developers. In addition, the complete separation of data model, navigation model, and presentation model reflects on a more general conceptual process th ...

**Keywords:** Web application development, automatic program generation and regeneration, framework, software architecture

### 2 [A generative approach to framework instantiation](#)



Vaclav Cechticky, Philippe Chevalley, Alessandro Pasetti, Walter Schaufelberger

September 2003 **Proceedings of the 2nd international conference on Generative programming and component engineering GPCE '03**

Publisher: Springer-Verlag New York, Inc.

Full text available: [pdf\(470.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

This paper describes the *OBS Instantiation Environment*, which demonstrates a generative approach to automating the instantiation process of a component-based framework. The process is automated in the sense that designers configure and assemble the framework components using intuitive visual operations in a GUI-based environment. Their configuration actions are then used to automatically generate the framework instantiation code. Generative techniques for framework instant ...

### 3 [An agent approach to alleviating packaging mismatch](#)



Brian Blake, Prasanta Bose

June 2000 **Proceedings of the fourth international conference on Autonomous agents AGENTS '00**

Publisher: ACM Press


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### 1 [Turning light bulbs into objects](#)



Bernd Bruegge, Truman Fenton, Tae Wook Kim, Ricardo Pravia, Aseem Sharma, Benedict Fernandes, Seongju Chang, Volker Hartkopf

 January 1997 **Addendum to the 1997 ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications (Addendum) OOPSLA '97**

Publisher: ACM Press

 Full text available: pdf(683.50 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

### 2 [WREN---an environment for component-based development](#)



Chris Lürer, David S. Rosenblum

 September 2001 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-9**, Volume 26 Issue 5

Publisher: ACM Press

 Full text available: pdf(590.37 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Prior research in software environments focused on three important problems---tool integration, artifact management, and process guidance. The context for that research, and hence the orientation of the resulting environments, was a traditional model of development in which an application is developed completely from scratch by a single organization. A notable characteristic of component-based development is its emphasis on integrating independently developed components produced by multiple orga ...

**Keywords:** Java, Java Beans, component-based software engineering, software components, software environments

### 3 [A formal framework for component deployment](#)



Yu David Liu, Scott F. Smith

 October 2006 **ACM SIGPLAN Notices , Proceedings of the 21st annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications OOPSLA '06**, Volume 41 Issue 10

Publisher: ACM Press



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# 1 [Type-Safe linking with recursive DLLs and shared libraries](#)



Dominic Duggan

November 2002 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 24 Issue 6

**Publisher:** ACM Press

Full text available: pdf(658.62 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Component-based programming is an increasingly prevalent theme in software development, motivating the need for expressive and safe module interconnection languages. Dynamic linking is an important requirement for module interconnection languages, as exemplified by dynamic link libraries (DLLs) and class loaders in operating systems and Java, respectively. A semantics is given for a type-safe module interconnection language that supports shared libraries and dynamic linking, as well as circular ...

**Keywords:** Dynamic Linking, Module Interconnection Languages, Recursive Modules, Shared Libraries

# 2 [Measuring the dynamic behaviour of AspectJ programs](#)



Bruno Dufour, Christopher Goard, Laurie Hendren, Oege de Moor, Ganesh Sittampalam, Clark Verbrugge

October 2004 **ACM SIGPLAN Notices, Proceedings of the 19th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '04**, Volume 39 Issue 10

**Publisher:** ACM Press

Full text available: pdf(226.86 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper proposes and implements a rigorous method for studying the dynamic behaviour of AspectJ programs. As part of this methodology several new metrics specific to AspectJ programs are proposed and tools for collecting the relevant metrics are presented. The major tools consist of: (1) a modified version of the AspectJ compiler that tags bytecode instructions with an indication of the cause of their generation, such as a particular feature of AspectJ; and (2) a modified version of the \*J ...

**Keywords:** AspectJ, aspect-oriented programming, dynamic metrics, java, optimization,



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# 1 [A unified component framework for dynamically extensible virtual environments](#)



Andrzej Kapolka, Don McGregor, Michael Capps

September 2002 **Proceedings of the 4th international conference on Collaborative virtual environments CVE '02**

**Publisher:** ACM Press

Full text available: [pdf\(129.03 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

If large-scale shared virtual worlds are to be established on the Internet, they must be based on technologies that allow them to adapt, scale, and evolve continuously-that is, without their being taken offline. In the course of designing NPSNET-V, an architecture intended to satisfy these criteria through component-based dynamic extensibility, the authors recognized the need for a consistent, unified component framework. This framework, which they implemented in Java™, allows one to const ...

**Keywords:** Java, XML, component-based architectures, dynamic extensibility, networked virtual environments

# 2 [Model driven security: From UML models to access control infrastructures](#)



David Basin, Jürgen Doser, Torsten Lodderstedt

January 2006 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 15 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(968.83 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a new approach to building secure systems. In our approach, which we call Model Driven Security, designers specify system models along with their security requirements and use tools to automatically generate system architectures from the models, including complete, configured access control infrastructures. Rather than fixing one particular modeling language for this process, we propose a general schema for constructing such languages that combines languages for modeling systems with ...

**Keywords:** Model Driven Architecture, Object Constraint Language, Role-Based Access Control, Unified Modeling Language, metamodeling, security engineering

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### 1 [Component-based simulation environments: JSIM as a case study using Java beans](#)



John A. Miller, Youngfu Ge, Junxin Tao

 December 1998 **Proceedings of the 30th conference on Winter simulation WSC '98**

Publisher: IEEE Computer Society Press

 Full text available: pdf(107.90 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 2 [Tutorials: Component technologies: Java beans, COM, CORBA, RMI, EJB and the CORBA component model](#)



Wolfgang Emmerich, Nima Kaveh

 May 2002 **Proceedings of the 24th International Conference on Software Engineering ICSE '02**

Publisher: ACM Press

 Full text available: pdf(220.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This one-day tutorial is aimed at software engineering practitioners and researchers, who are familiar with object-oriented analysis, design and programming and want to obtain an overview of the technologies that are enabling component-based development. We introduce the idea of component-based development by defining the concept and providing its economic rationale. We describe how object-oriented programming evolved into local component models, such as Java Beans and distributed object technol ...

### 3 [Component technologies: Java Beans, COM, CORBA, RMI, EJB and the CORBA Component Model](#)



Wolfgang Emmerich, Nima Kaveh

 September 2001 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-9**, Volume 26 Issue 5

Publisher: ACM Press

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This one-day tutorial is aimed at software engineering practitioners and researchers, who are familiar with object-oriented analysis, design and programming and want to obtain an overview of the technologies that are enabling component-based development. We introduce the idea of component-based development by defining the concept and

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